GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA

UNSTARRED QUESTION NO:6209
ANSWERED ON:11.04.2017
GHG Emission by High Rise Buildings
Kambhampati Dr. Hari Babu

Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

(a) whether the high-rise buildings with glass facades are a major contributor to greenhouse gas emissions in urban areas in the country;
(b) if so, the details thereof and the action taken by the Government in this regard; and
(c) whether the Government is planning to issue guidelines to regulate construction of high rise buildings in the country and if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ANIL MADHAV DAVE)

(a)to (c) High-rise buildings with glass facades as such do not contribute to greenhouse gas (GHG) emission. However, such buildings located in warmer areas may require greater amount of energy for cooling, which may lead to incremental emission of GHG, if the energy source is from fossil fuels etc.

Government has issued the Energy Conservation Building Code (ECBC) for new commercial buildings, including high-rise buildings, which sets minimum energy standards and provides necessary guidelines.

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